

Dependence of the Spectra of Aromatic Nitro-
Compounds on the Angle of Rotation of the Nitro
Group About the C-N Bond, by P. P. Shorygin and
Z. F. Il'icheva, 5 pp.

RUSSIAN, per, Iz Ak Nauk, Ser Fiz, Vol XXII,
No 9, 1958, pp 1046-1050.

Columbia Tech

Sci

Dec 59

101, 881

On the Simultaneous Observation of the Raman
Spectrum and Fluorescence, by P. P. Shorygin,
T. M. Ivanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 1,
1958, pp 70-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 4

Sci - Phys

91,943

Jul 59

The Spectra and Structure of Vinyl Ethers, by
P. P. Shorygin, T. H. Shkurina, M. F. Shostakovskiy,
5 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1961, pp 1011-1015.

CB

Sci
Apr 62

200,704

The Effect of Substituents on the Properties
of Aromatic Nitriles and Sulphones, by
P. P. Shorygin, M. A. Geiderikh, T. I.
Ambrush, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 2,
1960, pp 335-342.

Cleaver-Hume Press

Sci
Dec 60

134,769

The Theory of Line Intensities in the Spectrum
of Scattered Light. I. The Quantum Model (Condon
Approximation), by L. L. Krushinskiy, P. P. Shorygin,
6 pp.

RUSSIAN, per, Optika i Spektro, Vol XI, No 1,
1961, pp 24-34.

QSA

Sci

Jan 63

220,722

The Synthesis of p-Methylbenzyl acetate From
Toluene, by P. P. Shorygin, A. V. Bogdanova, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XI, No 7/8,
pp 1217-1221, 1938.

ATS RJ-865
Assoc Tech Serv 30J17R

Sci - Chem
Aug 58

70,570

The Dependence of a Band Intensity of Combination
Light Scatter of Benzene Derivatives on the
Structural Peculiarities of Molecules, by
A. Kh. Khalilov, P. P. Shorogin, 18 pp,

RUSSIAN, per, Zhur Fiz. Khim, Vol XXVII, No 3,
1953, pp 330-340.

23,313

Sci Mu Lib No 54/3484
Nat Res Lib No 486

Scientific - Physics

TT
May 55, OTS

Depolarization of Lines in Optical Raman Spectra, by
P. P. Shorygin, 4 pp. UNCLASSIFIED

Full translation.

RUSSIAN, per, Dok Ak Nauk. USSR, Vol LXXVIII, No 3,
1951, pp 469-472.

Navv Tr 498/MIL 363

Sci - Physics
USSR

RT-686

A-10997

Feb 52 GTS

SLIT 7

Polymerization Ability of Substituted Styrenes and
Their Structure, by P. P. Shorygin, N. V. /Shorygina,
12 pp UNCLASSIFIED

RUSSIAN, per, Zhur Obshch Khim, Vol V, No 4,
1935, pp 555-561.

Sci Tr Center
RT-1012

Scientific - Chemistry

15,352

K The Effect of Substituents on the Properties of
the Molecules of Monoderivatives of Benzene, *et al.*
P. P. Shorygin and Z. S. Egorova, 4 pp

RUSSIAN, PER, Dok Ak Nauk SSSR, Vol CXVII, No 5,
1957, pp 856-.

(Consultants Bureau

Sci - Chem

Oct 58

74,686

Raman Spectra in the Region of Absorption Bands, by
L. M. Kutsyna, P. P. Shorygin, 1 p.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XVIII, No 6, 1954, p 682. CIA C 40664

Columbia Tech Tr

Scientific - Physics 31,711

Feb 56 CTS/DEX

31, 711

Nitration with Nitrogen Dioxide, Part 3. Nitration
of Aromatic Hydrocarbons, by P. P. Shorygin, A. V.
Topchiev, *ibid.*

RUSSIAN, per, Zhur Obshch. Khim., Vol. VIII, No 11,
1938, pp 981-985.

Assoc Tech Serv RJ626

Sci
Apr 59

84,434

Distribution of Energy in the Spectra of the
Combination Scatter, by P. P. Shorygin.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XII,
No 5, 1948, pp 576-581.

Mat Res Lib
#11.496

Scientific - Physics

Jan 55 CIB/DEX

20,842

The Influence of Substituents on the Properties of
the Molecules of the Para-Disubstituted Derivatives
of Benzene, by P. P. Shorygin, Z. S. Egorova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol, CXVIII, No 4,
1958, pp 763-.

Consultants Bureau

Sci ~ Chem
Doc 58

77,467

Spectroscopic Study of Benzoic Acid Anions, by A. I.
Finkel'shtein, P. P. Shorygin,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXIII,
No 4, 1950, pp 759-762.

~~RESTRICTED~~

~~RESTRICTED~~

National Research Library TT 25

Scientific - *Physics*
CTB/DE

10,936

~~Ring Closure of N - Hydroxy-~~

Ring Closure of N - β - hydroxy-ethyl Aniline. Its
Benzoyl Derivatives, by P. P Shorygin, V. N. Belov,
27 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 12,
1955, pp 1708-1717.

36,139

Sci Tr Center XXX RT 3434

Scientific - Chemistry
Jun 56 CTS

The Raman Spectra of Some Terpene Hydrocarbons, by
 M. K. L. Daryshev, P. P. Shorygin, and D. N. Shigorin,
 3 pp.

Full translation

RUSSIAN, no par, Zhur Obshch Khim, Vol XXII, No 4,
 USSR, Apr 1952, pp 568-569. 570,

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

7545

The Line Intensities of the Combined Scattering of
Light (Raman Effect) and Problems of Organic
Chemistry, by P. P. Shorygin.

RUSSIAN, bino per, Uspekhi Khim, Vol XIX, No 4, 1950,
pp 419 -- 444.

AEC Tr 997

Scientific -- Chemistry

Physics

also DRE -TT-228

Nov 1951 CFS

A - 10998

Calculation of Vibrational Structure Equations of
the Electrons in an Excited Molecule Using the
Quantum Theory of Light Dispersion, by L. L.
Krushinskiy, P. P. Shorygin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 577-580.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

160,186

Jul 61

Structure and Spectra of Vinyl Sulfides, by P. P. Shorygin, M. P. Shostakovskiy, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 9, 1961, pp 1571-1577.

CE

202,799

Sci
Jul 62

Optical and Spectroscopic Studies of the Interaction
of Groups in Organic Molecules, by P. P. Shorogin,
Z. B. Alaune, pp 4.

RUSSIAN, per, Zaur Fiz Khim, Vol XXXIV No 10, 1960,
pp 2299-2307.

Cleaver-Hume Press

Sci

Aug 61

164,180

The Raman Effect and Its Frequency Dependence, by
P. P. Shor^Ygin, L. Z. Osit^Yonskaya, 1 p.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XVIII, No 6, 1954, pp 681. CIA C 40564.

Columbia Tech Tr

Scientific - Physics 31, 7/0 Feb 56 CTS/DEX

Behavior of Lignin Models on Nitration, by A. A.
Chukhramova, L. L. Sergeyeva, N. N. Shorygina,
6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 12, 1959, pp 2219-2225.

CB

Sci
Oct 60

130, 341

The Reaction of the Properties of Lignin Chloro
Derivatives to the Chlorination Conditions, by
N. N. Sporygina and L. I. Kolotova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 6,
1957, pp 1641-1644.

Consultants Bureau

Sci - Chem

Sep 58

72,942

Synthesis of Styrene-Formaldehyde Copolymers, by
N. V. Shorygina, A. G. Chernova, 3 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIII, No 1,
1960, pp 251-253.

CB

Sci

Feb 61

140,580

Polymerisation Ability of Substituted Styrenes
Depending Upon Their Structure. II, by P. P.
Shorygin, M. V. Shorygina, 11 pp.

RUSSIAN, per, Zhur Obshchey Khim, Vol IX, No 9,
1939, pp 845-854.

Sci Tr Center
BT - 3761

Sci - Chemistry

37,163

Aug 1956

The Effect of Intermolecular Action on the Raman Spectra, by P. P. ~~Shore~~ Shorygin.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXIII, No 8, 1949, pp 873 - ~~88~~ 884.

AEC Tr 514

Sci - Physics

July 1951 CTS

A-10999

Sci/Physics

C

Itemized Index No 33 of Literature on Physical Sciences
Published in the USSR ~~in~~ in January and February 1948,
by S. A. Shorygin, 21 pp., UNCLASSIFIED

RUSSIAN, mo per, Uspekhi Fiz Nauk, Vol XXXIV, No 4, 1948.

AMC F-TS-7187-RE

Jan cts

51

A 11001

SHORIKINA, N. N.

KEFELI, T. YA.

The Cleavage of Lignin With Metallic Sodium in
Liquid Ammonia. IV.

The Journal of General Chemistry of the USSR,
Vol. XX, No 7, Jul 1940, pp 1243 -1252 (Russ p 1199).

Consultants Bureau
New York

USSR

A-5032

Decomposition of Lignin by Metallic Sodium in
Liquid Ammonia. VII. Chromatographic Investigation
of the Phenols Obtained in the Decomposition of
Lignin, by A. F. Semchukina, N. N. Shorygina,
4 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 1x2,
1958, pp 3265-3268

Consultants Bureau

Bei

108989

Feb 60

Structure of Lignin, by A. F. Semechkins,
N. N. Shorygina.
RUSSIAN, per, Papers of the Institute of Forest
Economy and Wood Chemistry, Academy of
Sciences of the Latvian SSR, No 19, 1960, pp 65-70.
NHC/Ref: C-4462

Sci - Mat/Met
Apr 64

253,334

Action of Dilute Nitric Acid on Saccharification
of Lignin, by L. L. Serpyeva, A. A. Chukanova,
N. N. Shorygina, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1957, pp 653, 654.

Consultants Bureau

Sci - Chemistry
May 59

89,007

Nitration of Lignin and of Model Compounds
Containing an Arylcarbinol Grouping, by
L. Sergeyeva and N.N. Shorygina, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 7, 1962, pp. 1295-1302.

CB

Sci

340,968

May 63

Properties of Lignin Chloroderivatives, by
N. N. Shorygina, L. I. Molotova, 6 pp.

Full translation.

RUSSIAN, no per, Zhur Oshch Khim, Vol XXIII,
No 12, 1953, pp 2037-2042. CIA D 151308

Consultants Bureau

Scientific - Chemistry
May 55 OTS

23,341

The Chlorination of Hydrolysis Lignin, by
N. N. Shorygina, I. I. Kolotova, 4 pp.

Trans. of the USSR Academy of Sciences, Div. of Chemistry, 1953, No. 3, pp. 562-565.

RUSSIAN, bimo per, Is Ak Nauk SSSR, Otdel Khim
Nauk, No 3, May/Jun 1953, USSR, pp 562-565.

Consultants Bureau

Scientific - Chemistry

CTS/DEX

19,424

Condensation of Xylenols in Presence of Alkaline Catalysts, by N. V. Shorygina, G. L. Kurochkina, 4 pp.

RUSSIAN, per, Zhur Frik Khim, Vol XXXI, No 5, 1958, pp 810-812.

Consultants Bureau

Sci - Chem

Jun 59

11429R

88,646

The Condensation of Ethylene Oxide with Homologs
of Benzene, by N.V. Shorygina, 4 pp

RUSSIAN mo per Zhur Obshch Khim, Vol XXI No 7
USSR July 1951 pp 1273-1276

Consultants Bureau Vol 21 Jul 1951

A-11002

Investigation of Lignin in Husks of Cotton Seeds,
by A. F. Sanechkina, N. M. Shorygina, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 1,
1958, pp 119-121.

Consultants Bureau

Sci - Chem
Apr 59

84, 191

Cleavage of Lignin With Metallic Sodium in Liquid X
Ammonia. V., by A. F. Semechkina, N. N. Shorygina,
2 pp. UNCLASSIFIED.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 4,
April 1953, pp 593-596.

Consultants Bureau Tr

Scientific - Chemistry

13, 201

Action of Dilute Nitric Acid on Isolated Lignin.
by A. A. Chukhanova, I. L. Sergeeva, E. N. Shorygina,
4 pp.

Full tr

RUSIAN, no per, Iz Akad Nauk SSSR, Otdel Khim N Nauk.
No 2, 1956, pp 250-251. CIA 564938 C, Reel No 16

Consultants Bureau

Scientific - Chemistry
Sep 56 CTS/dex

38,450

The Chalcocite-Chalcopyrite-Bornit-Phyrrhotite
(Pyrite) Association under Hydrothermal Conditions,
by V. I. Sorokin, V. A. Shorygin, 15 pp.

RUSSIAN, per, Geokhim, No 6, 1963.

Scripta Technica

Sci

Apr 64

253,630

Cyclic Acetals. I. Condensation of Styrene and Its Homologs With Aldehydes in Presence of Hydrochloric Acid and Reaction of 4-Phenyl-1,3-Dioxane With SOCl_2 , PCl_5 and Fatty Acids, by N. V. Shorygina, 6 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI, No 5, May 1956, pp 1460-1465.

Consultants Bureau

Sci - Chemistry
May 57

47,314

The Transformation of Levoglucosan Into Aromatic
Compounds, by M. N. Shorygina, G. V. Perfilova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^X CIV, No 5, ¹⁹⁵⁷ 1040-1041 pp

Consultants Bureau

Sci - Chem
Aug 58

67, 678

Cleavage of Lignin by Sodium in Liquid
Ammonia, by M. M. Shorygina, T. Ya. Kefeli,
A. F. Semechkina, 7 pp. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk BSSR, Vol LXIV,
No 6, 1949, pp 689-692.

Sci Tr Center
RF-1834

Scientific - Chemistry

Gen 55
Sample CTS
20,531

Cleavage of Lignin With Metallic Sodium in
Liquid Ammonia. VI. Action of Metallic Sodium
in Liquid Ammonia on Fir Wood, by A. F. Semench-
kina, N. N. Shorygina, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 9,
USSR, Sep 1953, pp 1593-1596. CIA D 151000

Consultants Bureau

Scientific - Chemistry

CTS 64/Jan 55

20,943

Polymerisation Ability of Substituted Styrenes
Depending Upon Their Structure. II, by P. P.
Shorygin, N. V. Shorygin, 11 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol IX, No 9,
1939, pp 845-844.

Sci Tr Center
RT - 3761

Sci - Chemistry

37,163

Aug 1956

Polymerization Ability of Substituted Styrenes and
Their Structure, by P. P. Shorygin, N. V. /Shorygina,
12 pp UNCLASSIFIED

RUSSIAN, per, Zhur Obsch Khim, Vol V, No 4,
~~XXXXXX~~ 1935, pp 555-561.

Sci Tr Center
RT-1012

Scientific - Chemistry

15,352

051

Polymerisation of Styrene in a High Frequency Field,
by N. V. Shorygina, E. I. Petrova, 6 pp
~~UNCLASSIFIED~~

RUSSIAN, Per, Zhur Obolach Khim, VolXV, No 3,
1945, pp 173-176.

Sci Tr Center
RT-1008

Scientific - Chemistry

15,353

Fatigue in pigeons and hens after transection of
the anterior and lateral parts of the spinal cord,
by K. O. Shoshanko, 7 pp.

RUSSIAN, par, Fiziol Zhur SSSR imeni I. M.
Sechenova, Vol XLVII, No 2, 1961.

PP

199,850

Sci
Apr 62

23
Medical Geography, Results and Outlook,
by A. A. Shoshin
RUSSIAN, bk, Meditsinskaya Geografiya - Itogi,
Perspektivy, 1964, 209 pp.
ACSI J-4263
ID 2204013468

Sci-EdM
Jan 69

A. A. Shoshin

369,513

37
Fundamentals of Medical Geography, by A. A. Shostkin,
339 pp.

RUSSIAN, Mr. Leonov, Dmitriyevich Geografi. 1962.

147 pp.

ACSI J-5264

ID 2204015569

Sci-B and M
Dec 68

354.017

MEDICAL GEOGRAPHY OF THE USSR, BY A. A. SHOSHIN,
YE. I. IGNAT'YEV, A. P. MARKOVIN, ET AL, 312 PP.

RUSSIAN, BK, GEOGRAFICHESKIY SBORNIK, LENINGRAD,
1961, 200 PP.

JPRS 15633

SCI - MEDICINE

OCT 62

212,838

8106

OC-1069

Impressions of a Visit to the Soviet Union in August
1956, by Dr ~~Hein~~ Shoshkes, 191 pp,

Rhazian
YIDDISH, d np, Der Tog-Morgen Zhur, New York 28 Oct 1956-
20 Jan 1957.

*CIA / ZT- 8106

USSR
Pol
Soc

Perfluorodienes, by I. L. Kaunyants, V. V.
Shoshkina, Li Chih-Yuan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2,
1959, pp 328-330.

CE.

Sci
Oct 60

129,941

74
Planning in Scientific Research Institutes
and Design Bureaus, by P. D. Shoshmin and
V. A. Scherbakov, 174 pp.

RUSSIAN, bk, Planirovaniye v Nauchno-
Issledovatel'skikh Institutakh i Konstruk-
torakikh Byuro, 1964, pp 1-172.

FI00257763-V

FTD-HT-23-1246-67

Sci-Behavioral Sci
Oct 68

366,126

P. D. Shoshmin

Role of Vacancies in the Mechanism of Delayed
Fracture in Steel and Titanium Alloys, by M. Kh.
Shoshorov.
RUSSIAN, per, Metallurgiya I Toplivo, No 4, 1962,
pp 7-70
NLL/RIS 2508 - 20s od

M. Kh. Shoshorov

Sci -
Aug 67

336,658

The Ventilation of Coal from the Moscow Area, by
N. T. Shostakovskiy.

RUSSIAE, per, Zhur Prikl Khim, Vol XXIX, 1955,
pp 463-467.

Dept of Int
US Bur of Mines
Central Exper Sta
Pitts., Pa. Tr 267

Sci - Engrs
June 59

89,900

The Present Status and Long Range Development of the
Krivoy Rog Basin, by B. E. Gordon, M. N. Zhukov,
I. A. Sitarenko, A. G. Shostak, 6 pp. UNCLASSIFIED

RUSSIAN, no per, Gornyy Zhur, No 7, Moscow, Jul
1957, pp 3-6.

US JPRS/DC-L-366

USSR
Econ
Jun 58

64,394

Advantages of the Suspension Polymerization and Poly-
condensation Methods and Equipment for Production of
Ion-Exchange Resins by These Methods, by F. T. Shostak,
M. V. Vittikh, I. V. Sambovskiy, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 6, 1959,
pp 1238-1243.

CB

Sci
Jul 60

121,000

121,000

F. T. Shostak

Reactions of Tertiary Amines with Epichlorohydrin,
by F. T. Shostak
RUSSIAN, rpt. Teoriya i Praktika Ionnoogo Obmena.
Respublikanskoe Soveshchaniye po Ionnomu Obмену.
Trudy. Alma-Ata. 1963, pp 7-15
NTC 71-16415-07C

mar 72

Advantages of the Suspension Polymerization and
Polycondensation Methods for Obtaining Ion Exchangers
and Their Apparatus Design, by F. T. Shostak,

RUSSIAN, per, Zhur Priklad Khim, Vol XXXII, No 6, 1959,
pp 1238-1244.

ATS RJ-2129

Sci - Chem

May 60

115, 415

Hose-Type Semi-Automatic Welding Head for
Submerged Arc Welding of Complex Outlines,
by Yu. A. Yuzvenko, I. A. Shostak, 4 pp.

RUSSIAN, per, Svaroch Proiz, No 12, 1959,
pp 26.

British Welding Res Assoc

Sci

Oct 60

128,617

On a Criterion of Conditional Definiteness of a
Quadratic Form of n-Variables Subject to Linear
Relations and on a Sufficient Condition for a
Conditional Extremum of a Function of n-Variables,
by R. Ya. Shostak.

RUSSIAN, per, Uspekhi Math Nauk, Ak Nauk SSSR, Vol
IX, No 2 (60), 1954.

Navy Tr 1929/T-17

Sci - Phys
Dec 58

78,027

The Effect of the Nature of the Gaseous Medium upon
the Evaporating Rate of Alkali Chlorides, by
Vikt I. Spitsyn, V. I. Sibostak, 9 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 7,
1952, pp 1063-1070.

Consultants Bureau

(652-1109)

Scientific - Chemistry

CTB/DEX

9312

Investigation of the Volatility of ~~XX~~ Alkali Elements
at High Temperature, by Vikt. I. Spitsyn, V. I.
Shostak, and M. A. Meerov, 5 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 5,
May 1952, pp 758-764. CIA D 182347

Consultants Bureau
(G-52-821)

Sci - Chem

Dec 53 CTB

7449

Observation of the Stopping of Heavy Mesons, by
Alikhanyan, Kirillov-Ugryumov, Shostakovich,
Fedorov, Marzon.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCII,
No 5, p 915.

NSF 214

Scientific - Physics

CTB/DEX

9585

S-59/60

(FI-3482).

Compulsory Treatment as One of the Methods of
Preventing the Repeated Socially Dangerous
Actions of Mentally Deranged Patients, ~~1959~~
by Ya. Ye. Svirinovskiy, B. V. Shostakovich, 4 pp.

RUSSIAN, per, Sudobno Med Ekspertiza, No 3, 1959,
pp 47-49.

JPRS-2294

109,339

Sci - Med

Mar 60

Chemistry of Acrolein, by M.F. Shostakovskii and
V.I. Belyaev.

*CB ~~let~~

Sci

May 64

The Magnetic Mass-Spectrometer in Combination With a
Wilson Cloud Chamber, by A. Alikhanyan, V.
Kirillov-Ugryumov, M. Shostakovich, V. Fedorov

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol XEII,
No 2, 1953, p 255.

NSF Tr 182

Scientific - Physics
CTS/DEX

9397

On the Mass Spectrum of Charged Cosmic Ray
Particles, by A. I. Alikhanian, N. V. Shostakovich,
A. T. Dadayian, V. N. Fedorov, B. N. Deriagin,
14 pp.

RUSSIAN, no per, Zhur Eksp 1 Teoret Fiz,
Vol XXXI, No 6, Dec 1956, pp 955-

Amer Inst of Phys
Sov Phys, JETP
Vol IV, No 6

Sci - Physics
Aug 57

51, 815

Chemistry of Acrolein, by M. F. Shostakovskiy.

RUSSIAN, bk.

*CB

Sch-1-Chem
Jan 64

Synthesis of Polyfunctional Sulfur Compounds from
Divinyl Ether and Hydrogen Sulfide, by M. F.
Shostakovskiy, E. S. (Shapiro, E. V. Dubrova, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 12,
pp 3311-3316

Consultants Bureau

Sci

Feb 60

108,000

Addition of Hydride Silanes to Vinyl Esters.
by M. F. Shostakovskiy, V. A. Sokolov.
GOVERNMENT USE ONLY
RUSSIAN, per, Izv Sibirskogo Otdel Ak Nauk
SSSR, Seriya Khim Nauk, No 3, 1963, pp 92-96.
CIA X-6583

M. F. Shostakovskiy

Sci-Chem
May 68

357,069

Vinyl Compounds in the Diene Synthesis.
Communication 12. Structural Orientation
in the Diene Condensation of Vinyl Ether
with Isoprene, by M.F. Shostakovskiy and
A.V. Bogdanova, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim.
Nauk, no 7, 1962, pp. 1284-1289.

CB

340,967

Sci

May 63

STUDIES IN THE FIELD OF SYNTHESIS AND REACTIONS
OF SUBSTITUTED VINYL ETHERS XII. VINYLATION
OF ALKYL THIOLS BY TERT-BUTYL ACETYLENE,
BY M. F. SHOSTAKOVSKIY, N. K. KUL'BOVSKAYA, 5 PP.

RUSSIAN, PER, ZHUR OBSHCH KHIM, VOL XXXII,
NO 3, 1962, PP 709-713.

CB

SCI

221,534

FEB 63

Synthesis of Ethers and Esters of 1,2-Ethenedio. and
Their Reactions, by M. F. Shostakovskiy,
N. V. Kuznetsov, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 4, 1962, pp 710-715.

CB

Sci
Jun 63

233,278

Synthesis of α Vinyl Ether and Acetals From
1-Menthyl, by M. F. ~~Shostakovskiy~~, V. M.
Vlasov, A. K. ~~Gorben~~, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 6,
1962, pp 1729-1733.

CB

Sci
Jun 63

232,577

The Decomposition of Azoisobutyric Acid Dinitrile in
Vinylbutyl Ether, by M.F. Shostakovskiy, V.A. Gladyshevskaya, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, 1962, pp 499-504.

CB

Sci

Feb 63

233,143

Studies in the Field of Lactones and Lactams. Xii.
N-Acryloyl Lactams, by M.F. Shostakovskiy, M.G.
Solenskaya, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, 1962, pp 505-509.

CB

Sci.

233,142

Feb 63

Lactones and Lactams. Communication 21. Addition of
Mercapto Compounds to N-Alkenyl Lactams, by M. F.
Shostakovskiy, F. P. Sidel'kovskaya, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1,
1962, pp 155-161.

CB

214,566

Sci

Aug 62

Synthesis and Reactions of UNSUBSTITUTED
silicon Compounds. Communication 55. Synthesis
and Some Reactions of 4-(Trimethylsilyl)- and 4-
(Triethylsilyl)-3-Butyn-2-ols, by M. F.
Shostakovskiy, M. V. Kemerov, 5 pp.

RUSSIAN, per, Iz Ak Nauk, Otdel Khim Nauk, No 6
1962, pp 1019-1023.

CB

Sci
Jun 63

2334722

Vinyl Ethers of Ethanolamines in the Diene Synthesis.
Communication 1. Reactions of 2-(Vinyloxy) Ethylamine
and Its N,N-Dialkyl Derivatives with Cyclopentadiene,
by M. F. Shostakovskiy, I. A. Chekulayeva, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1,
1962, pp 152-154.

CB

Sci

Aug 62

214,565

Shostakovskii, M. F., Kotrelev, V. N. and others.
STUDY OF THE FORMATION OF ORGANOTIN POLY-
MERS AS A FUNCTION OF THE POLYMERIZA-
TION CONDITIONS AND SOME PHYSICOCHEMICAL
PROPERTIES OF ORGANOTIN COPOLYMERS. Pt. 5
of the Synthesis and Transformation of Organotin
Monomers and Polymers. [1961] 4p.
Order from ATS \$6.00 ATS-88N56R

Trans. of Vysokomolekulyarnye Soedineniya (USSR)
1961, v. 3, no. 8, p. 1131-1134.

DESCRIPTORS: *Tin, *Polymers, Metalorganic com-
pounds, Synthesis, Physical chemistry, Polymeriza-
tion, Copolymerization.

(Chemistry--Organic, TT, v. 7, no. 3)

62-12119

- I. Shostakovskii, M. F.
- II. Kotrelev, V. N.
- III. Title: Synthesis ...
- IV. ATS-88N56R
- V. Associated Technical
Services, Inc., East
Orange, N. J.

15473

Office of Technical Services

Synthesis and Some Properties of Vinyl Bornyl
Ether, by M. F. Shostakovskiy, N. I. Uvarova,
5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel
Khim Nauk, No 2, 1961, pp 343-347.

CB

Sci

198,819

Jun 62

Synthesis of Ethoxyacetaldehyde, and Its
Chemical Reactions, by M. F. Shostakovskiy,
N. V. Kuznetsov, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 8, 1961, pp 1495-~~1496~~1499.

CB

Sci

Jul 62

202,713

Methods of Preparation and Properties of Substituted
Vinyl Ethers and Sulphides, by M. F. Shostakovskiy,
E. P. Gracheva, 12 pp.

RUSSIAN, per, Uspekhi Khim, Vol XXX, No 4, 1961,
pp 493-516.

Cleaver-Hume Press

Sci
Jun 62

200,095

62-12662

Shostakovskii, M. F., Kotrelev, V. N. and others.
SYNTHESIS AND REACTIONS OF TIN-CONTAINING
ESTERS OF ACRYLIC AND CINNAMIC ACIDS. Pt. 4
of Organotin Monomers and Polymers. [1961] 3p.
Order from ATS \$3.50 ATS-03N57R

Trans. of Vysokomolekulyarnye Soedineniya (USSR)
1961, v. 3, no. 8, p. 1128-1130.

DESCRIPTORS: *Synthesis, *Chemical reactions,
*Esters, Acrylic acids, Styrenes, *Tin compounds,
*Cinnamic acids.

(Chemistry--Organic, TT, v. 7, no. 10)

I. Shostakovskii, M. F.
II. Kotrelev, V. N.
III. Title: Organotin ...
IV. ATS-03N57R
V. Associated Technical
Services, Inc., East
Orange, N. J.

208376

Office of Technical Services

Studies of the Lactones and Lactams, Communication
20. The Reaction of N-(Chloroalkyl)Lactams with
Alcohols, by M. F. Shostakovskiy, F. P.
Sidel'kovskaya, E. V. Rogova, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1961, pp 1111-1115.

CEI

200,723

Sci
Apr 62

An Investigation of the Synthesis and
Transformation of Unsaturated Silicon-
Containing Compounds by, MF. Shostakovskii,
N. V. Komarov, V.P. Kuznetsova ⁻¹⁴pp.

RUSSIAN, per, Iz Nk Nauk SSSR, Otdel Khim Nauk,
No 4, 1961, pp. ~~69-70~~.

694-702
CB

Sci
April 62

200, 690

An Investigation of the Synthesis and Transformation of Unsaturated Silicon-Containing Acetylenic Alcohols by, M.F. Shostakovskiy, L.M. Kaliberdo, N.V. Komarov, 3pp.

RUSSIAN, per Iz Nk Nauk SSSR, Otdel Khim Nauk, No 4, 1961, pp. 703-705.

CB

Sci
April 62

200, 692

Chemical Transformations of Unsaturated and
High-Molecular Compounds. XVIII.
Polymerization and Copolymerization of Divinyl Tartrate
Tartrate and Methyl Methacrylate. By, M.F.
Shostakovskiy, A.M. Khomutov, A.P. Alimov, 3pp.

RUSSIAN, per, Iz Nk Nauk SSSR, Otdel Khim Nauk,
No 4, 1961, pp. 706-708.

CB

Sci
April 62

200, 691

The Diene Synthesis with Participation of
Vinyl Ethers by, V. Reaction of Ether with
Hexachlorocyclopentadiene by M.F. Shostakovskiy,
A.V. Bogdanova, T.M. Ushakova, 5pp.

RUSSIAN, per Iz Kh Nauk SSSR, Otdel Khim Nauk,
No 4, 1961, pp. 709-713.

CB

Sci
April 62

200, 693